North–South Corridor Study

ENGINEERING ELEMENTS

TRAFFIC ANALYSES

Evaluate design-year traffic conditions to determine the function and capacity of the corridor.

ALTERNATIVE DEVELOPMENT

Develop and evaluate reasonable alternatives including the no-build alternative. Select alternatives to be further evaluated as part of the Environmental Impact Statement.

ROADWAY DESIGN AND GEOMETRY

Define horizontal alignment and vertical profile consistent with applicable guidelines.

MODAL OPTIONS

Identify and evaluate the feasibility of accommodating alternative modes of travel in the corridor, including bus, rail, bus rapid transit, park and ride, etc.

INTERCHANGES

Determine location, configuration and capacity of possible new traffic interchanges with the existing and planned roadway system.

RIGHTS-OF-WAY

Define right-of-way limits and access controls to guide land-use decisions and preserve right-of-way.

DRAINAGE FEATURES

Design infrastructure to accommodate rivers, washes, CAP canal and other drainage features within the corridor right-of-way.

IMPLEMENTATION PLAN

Recommend a phased construction plan consistent with available funding and need for the corridor.

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